

**Claim 1 from U.S. Patent No. 12,021,360
(the '360 Patent)**

A junction box comprising:

a housing comprising a top portion and a bottom portion, the top portion comprising an attachment portion, the bottom portion comprising a first portion on an exterior side of the housing and a second portion opposite the first portion, the first portion of the bottom portion configured to be mounted to a roof of a structure, the second portion comprising a groove defining an area for creating a hole in the bottom portion;

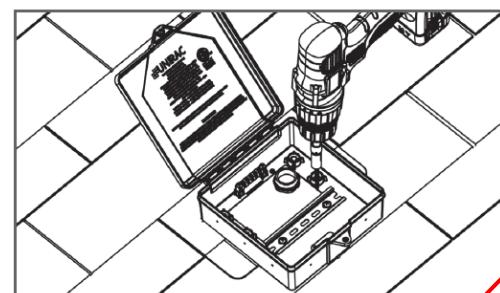
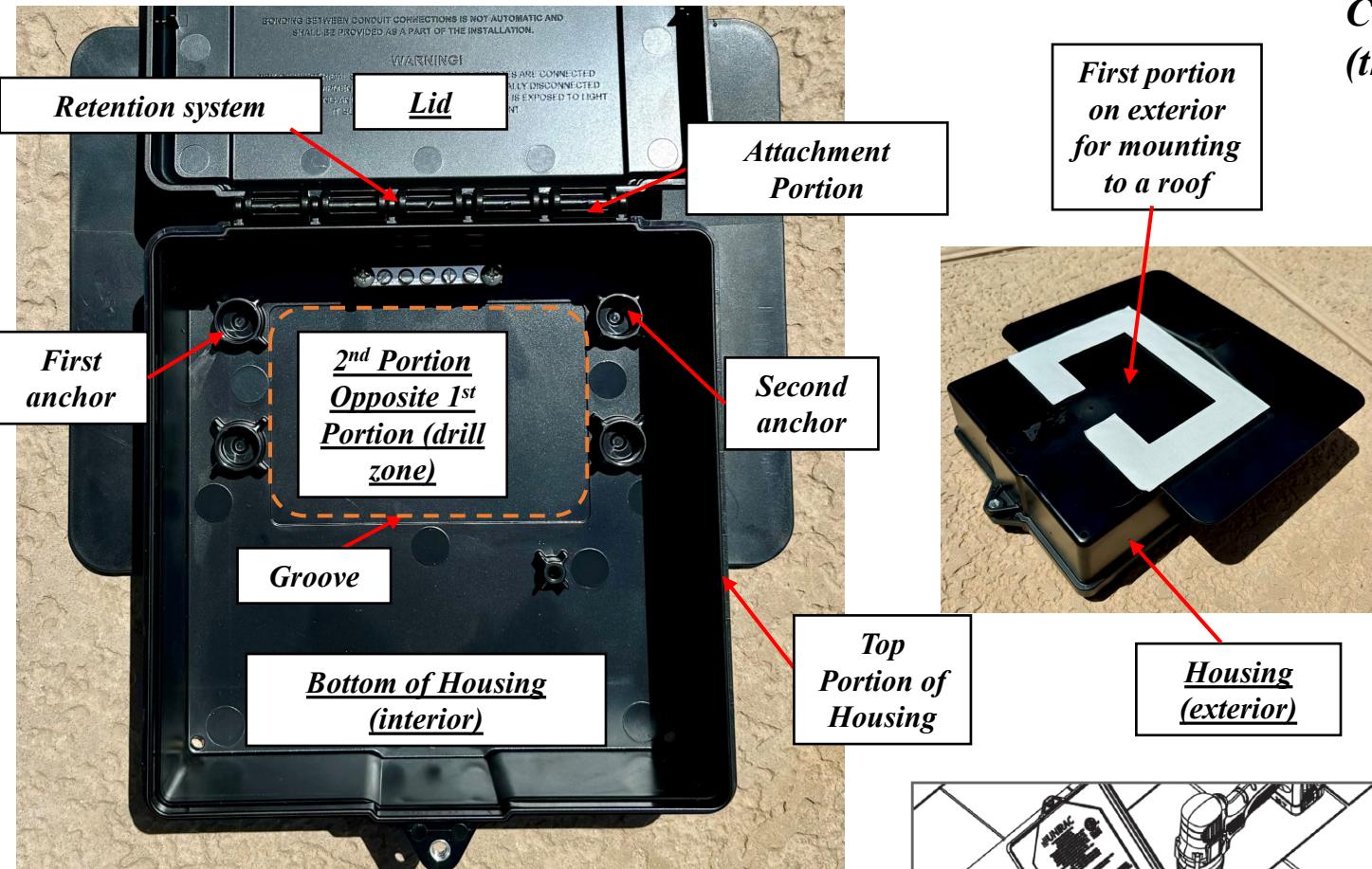
a first anchor opening in the bottom adjacent to a first side of the area;

a second anchor opening in the bottom adjacent to a second side of the area,

wherein the housing is compressed against the roof structure in response to a first anchor being installed in the first anchor opening and/or a second anchor being installed in the second opening;

a lid configured to be mounted on the attachment portion of the housing; and

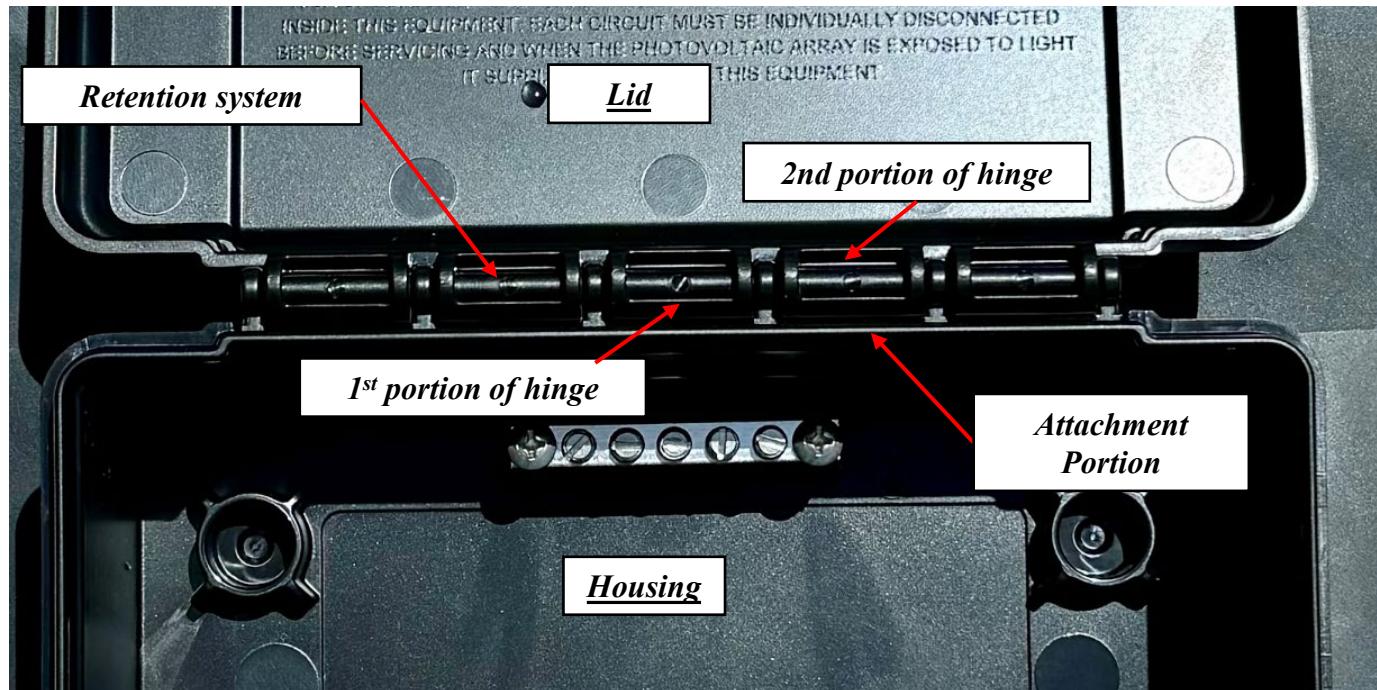
a retention system configured to retain the lid in proximity to the to the housing.



STEP 6: SECURE SOLOBOX COMP TO ROOF
Slide the Solobox Comp into place and secure it to the roof decking through the mounting holes using the 4 provided decking screws. Torque until EPDM washers expand.

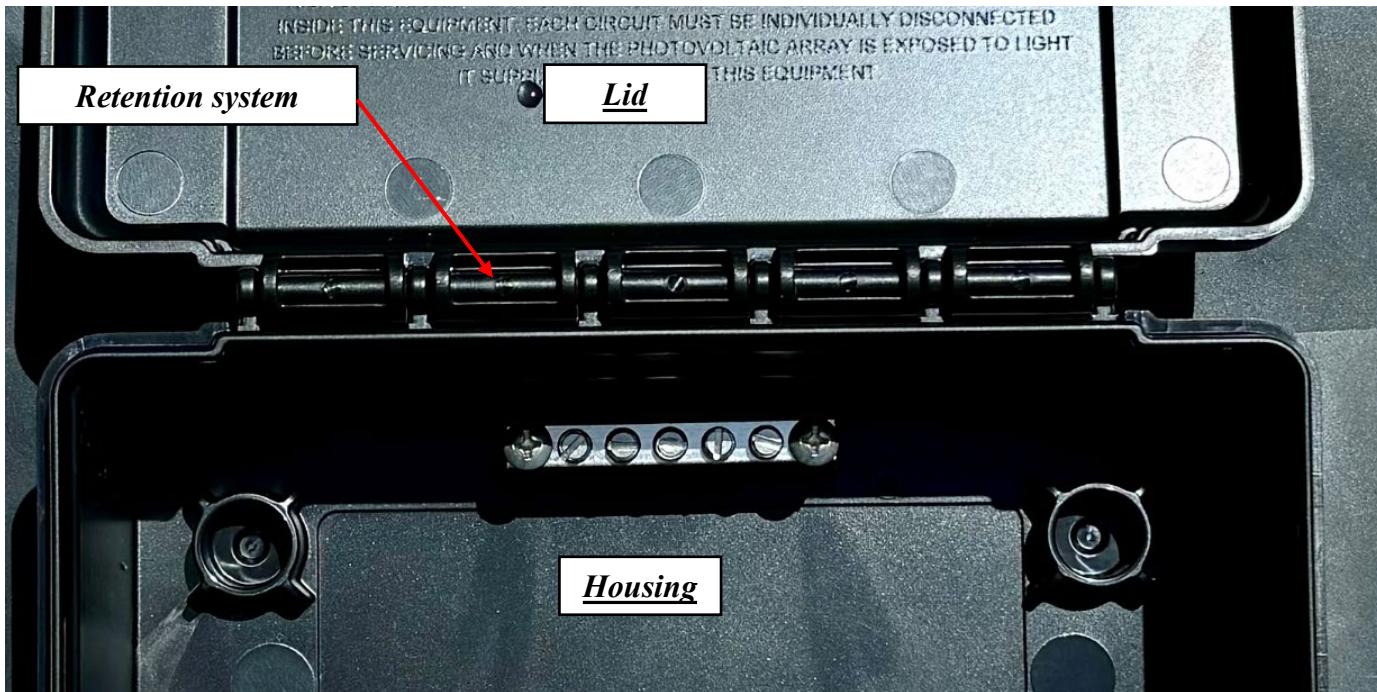
EXHIBIT

Claim 2 from the '360 Patent



*The junction box of claim 1, wherein the retention system comprises a **hinge** with a **first portion** of the hinge attached to the **attachment portion** of the housing and a **second portion** of the hinge attached to the **lid**.*

Claim 3 from the '360 Patent



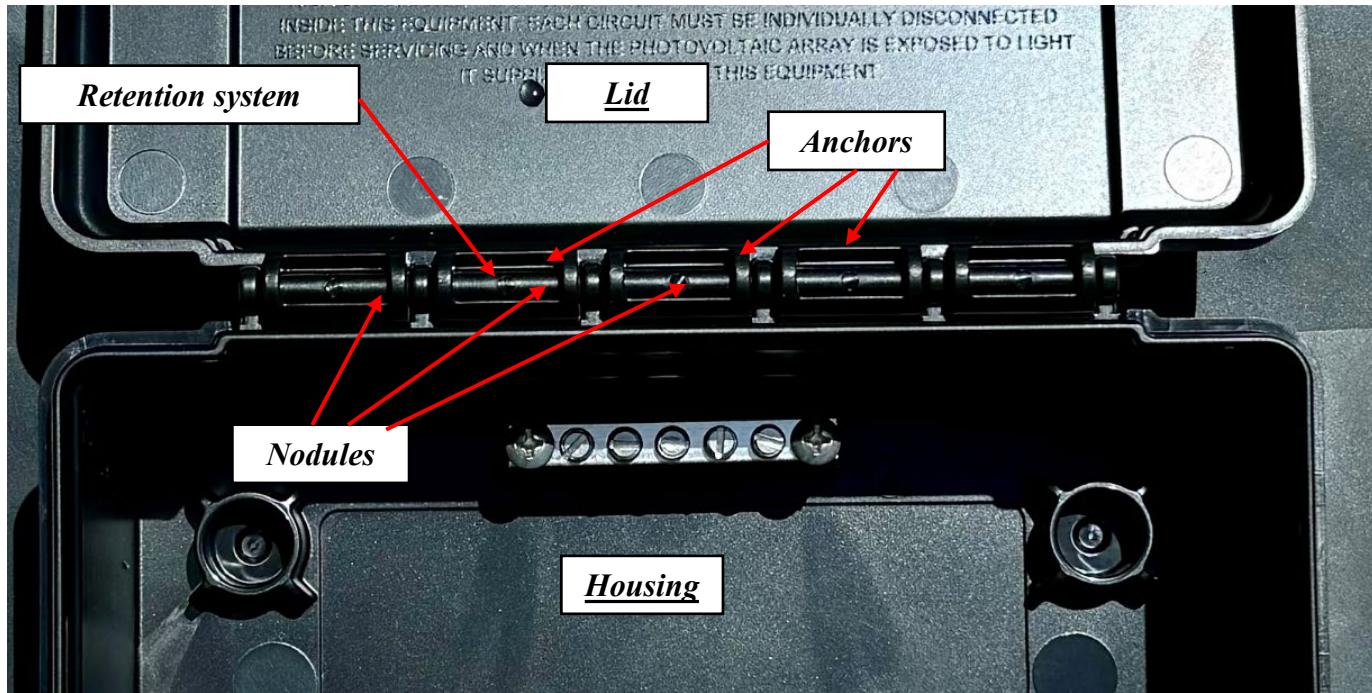
The junction box of claim 1, wherein the retention system is configured to attach to a side of the housing and to the lid

Claim 4 from the '360 Patent



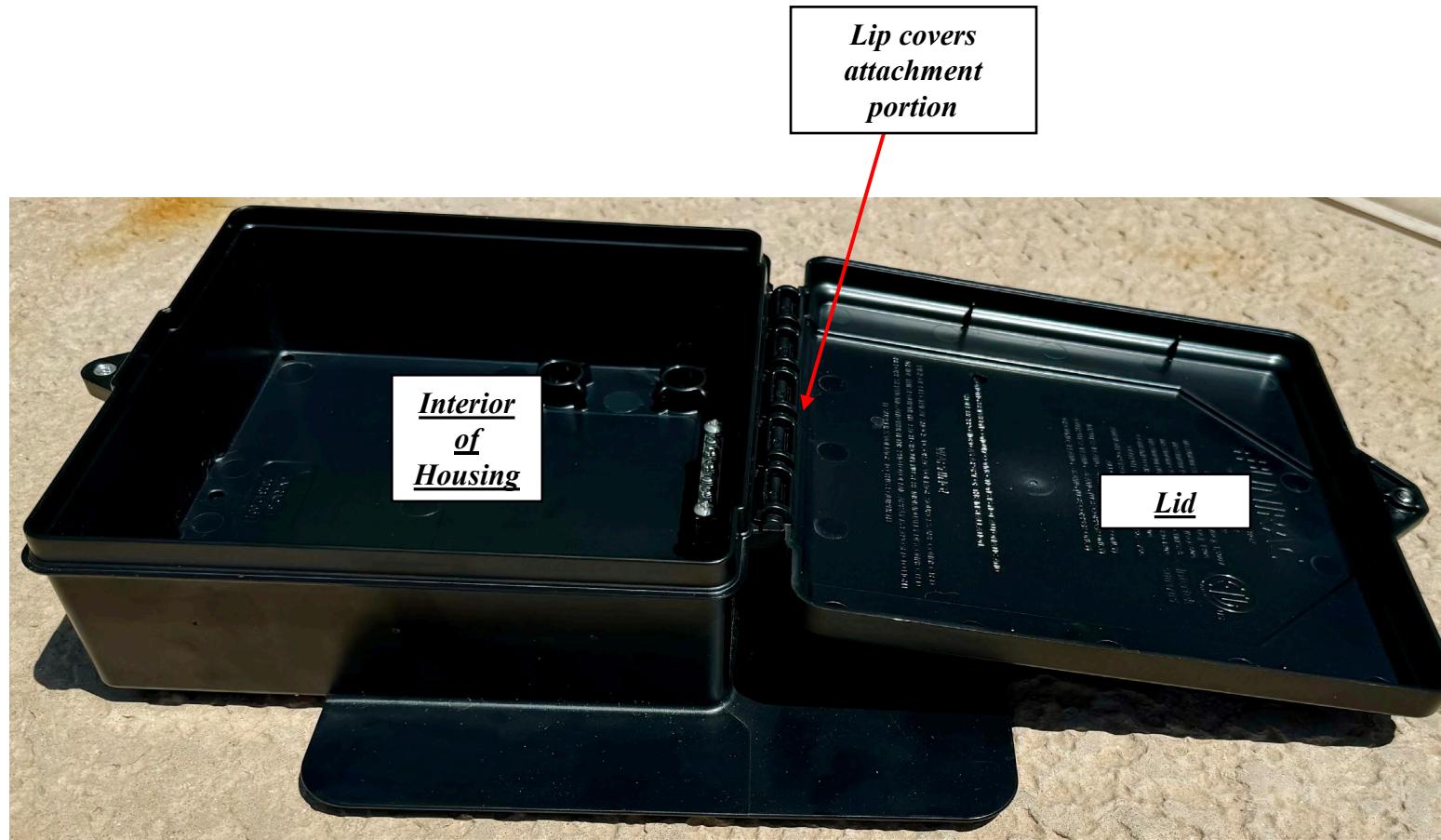
The junction box of claim 1, further comprising a flashing attached to the bottom portion of the housing and extending away from the bottom portion in a same plane as the bottom portion.

Claim 6 from the '360 Patent

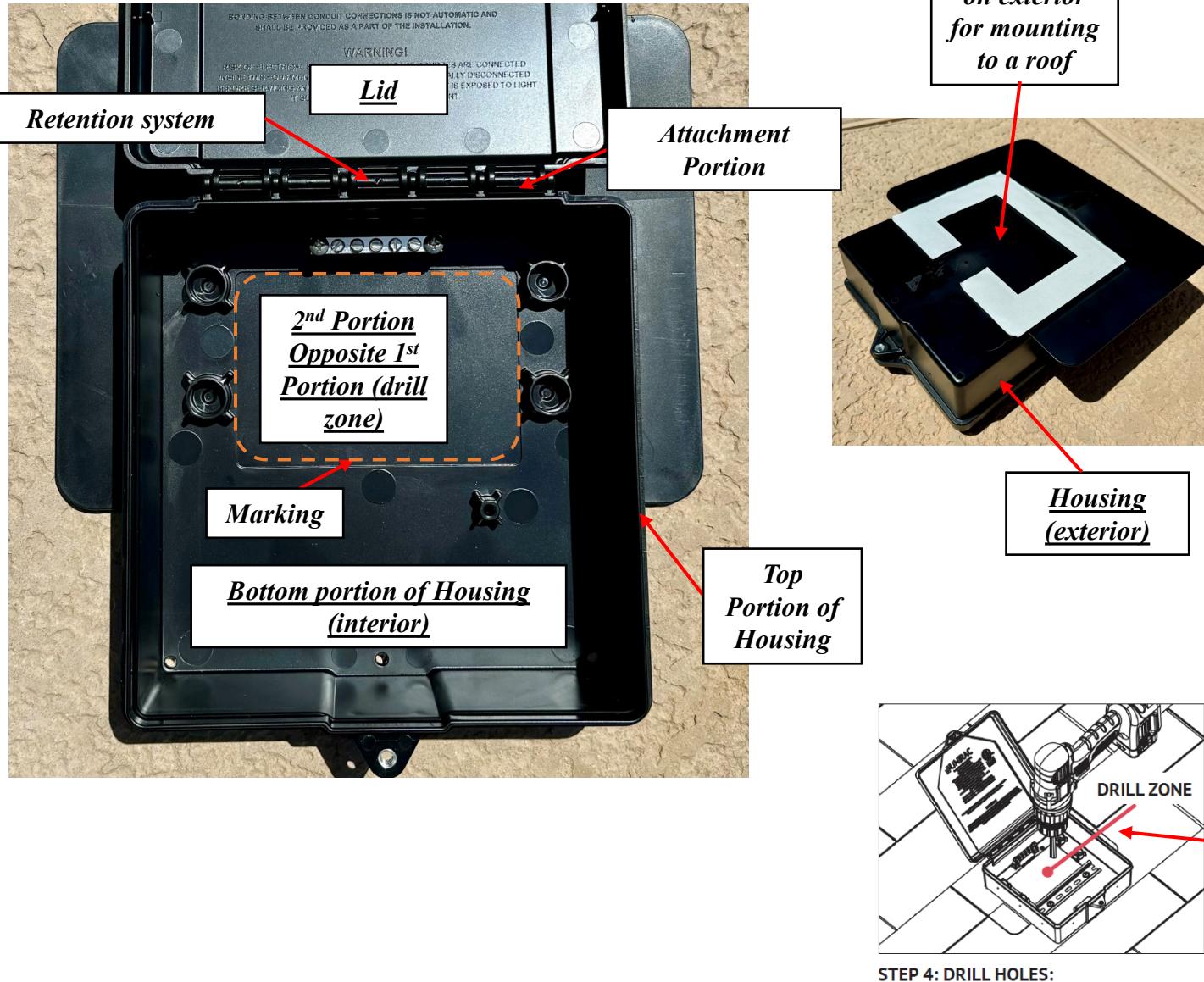


*The junction box of claim 1, wherein the attachment portion comprises one or more **nodules** and the lid is configured to attach to the attachment portion of the housing using one or more **anchors** secured to corresponding nodules of the one or more nodules.*

Claim 7 from the '360 Patent



The junction box of claim 1, wherein the lid is configured with a lip shaped to cover an opening of the attachment portion to environmentally seal an interior of the housing.

Claim 8 from the '360 Patent

A junction box comprising:

a housing comprising a top portion and a bottom portion, the top portion comprising an attachment portion, the bottom portion comprising a first portion on an exterior side of the housing and a second portion opposite the first portion, the first portion of the bottom portion configured to be mounted to a roof of a structure;

a lid configured to be mounted on the attachment portion of the housing; and

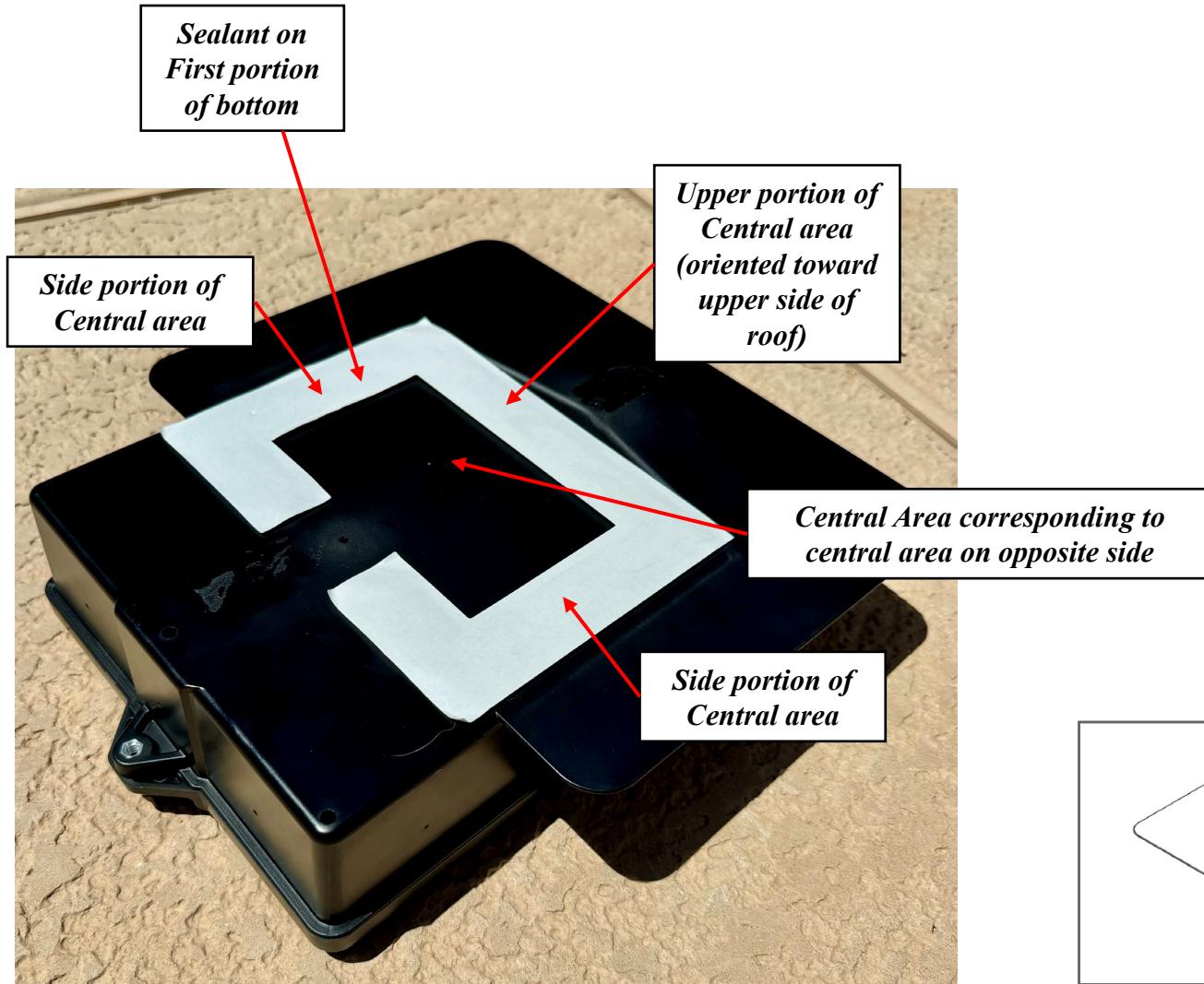
a retention system configured to retain the lid in proximity to the to the housing,

wherein the second portion of the bottom portion comprises a drill zone marking on the second portion of the bottom portion along a perimeter of a central area of the second portion and/or within the central area, the drill zone configured for penetrations through the bottom portion and the roof into the structure.



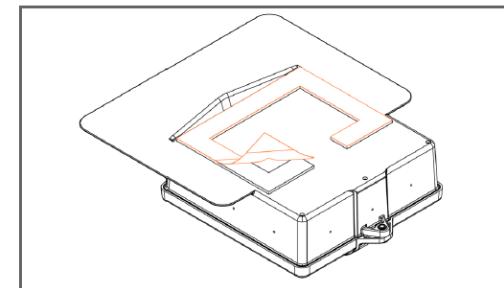
Claim 9 from the '360 Patent

The junction box of claim 8, further comprising a flashing attached to the bottom portion of the housing.



Claim 10 from the '360 Patent

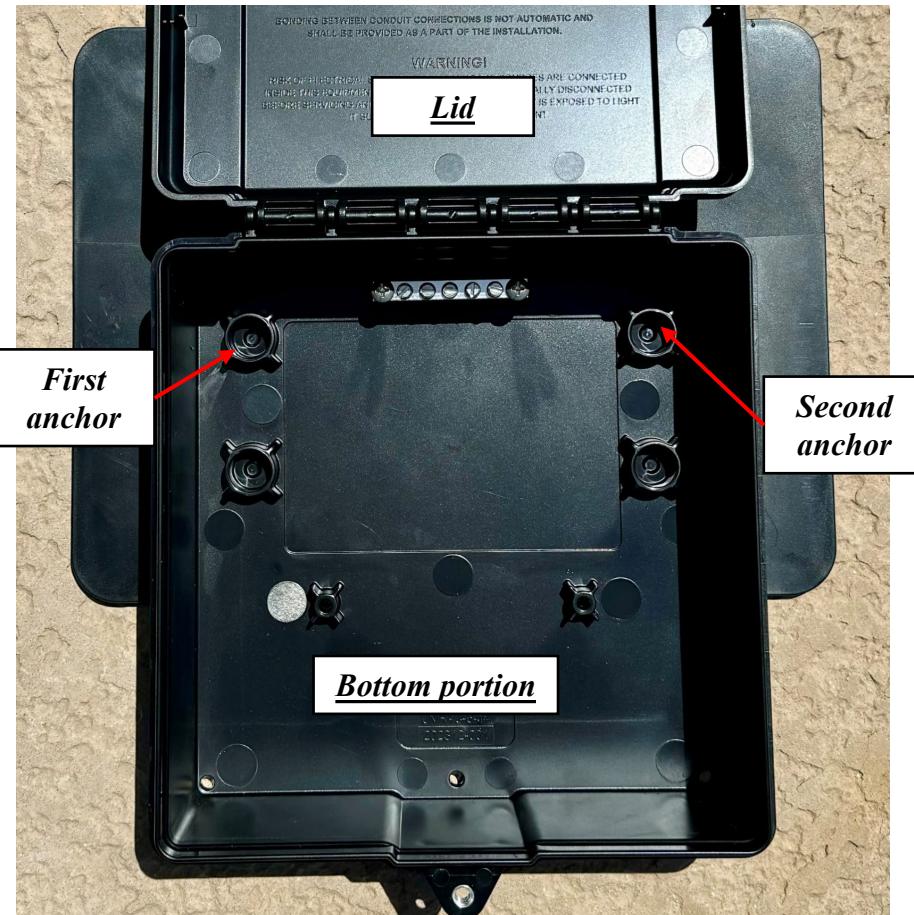
The junction box of claim 8, further comprising a sealant disposed on the first portion of the bottom portion, the sealant surrounding a central area of the bottom portion, the central area of the first portion corresponding to the central area of the second portion, the sealant surrounding at least an upper portion and side portions of the central area, wherein the upper portion is oriented toward an upper side of the bottom portion with respect to a slope of the roof.



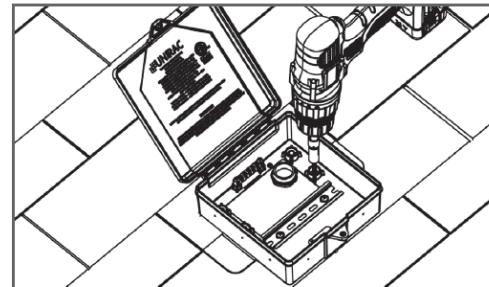
STEP 5: PEEL OFF BUTYL COVER

Gently peel butyl release paper off on the bottom of the Solobox Comp. No need to apply roofing sealant.

Claim 11 from the '360 Patent



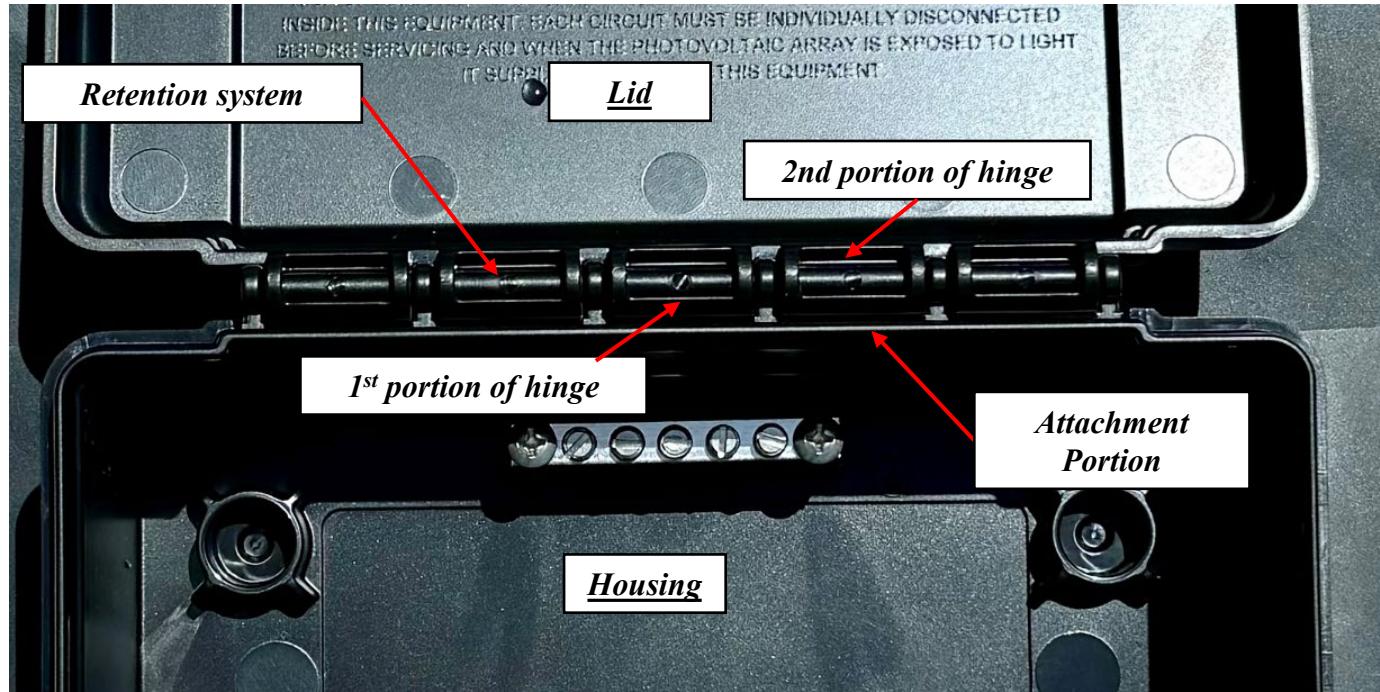
*The junction box of claim 10, further comprising a plurality of **anchor openings** in the bottom portion, each anchor opening configured for an anchor, wherein securing an anchor through an anchor opening of the plurality of anchor openings contributes to securing the housing to the roof and applies a force directed toward the roof that compresses a portion of the sealant adjacent to and/or surrounding the anchor opening.*



STEP 6: SECURE SOLOBOX COMP TO ROOF

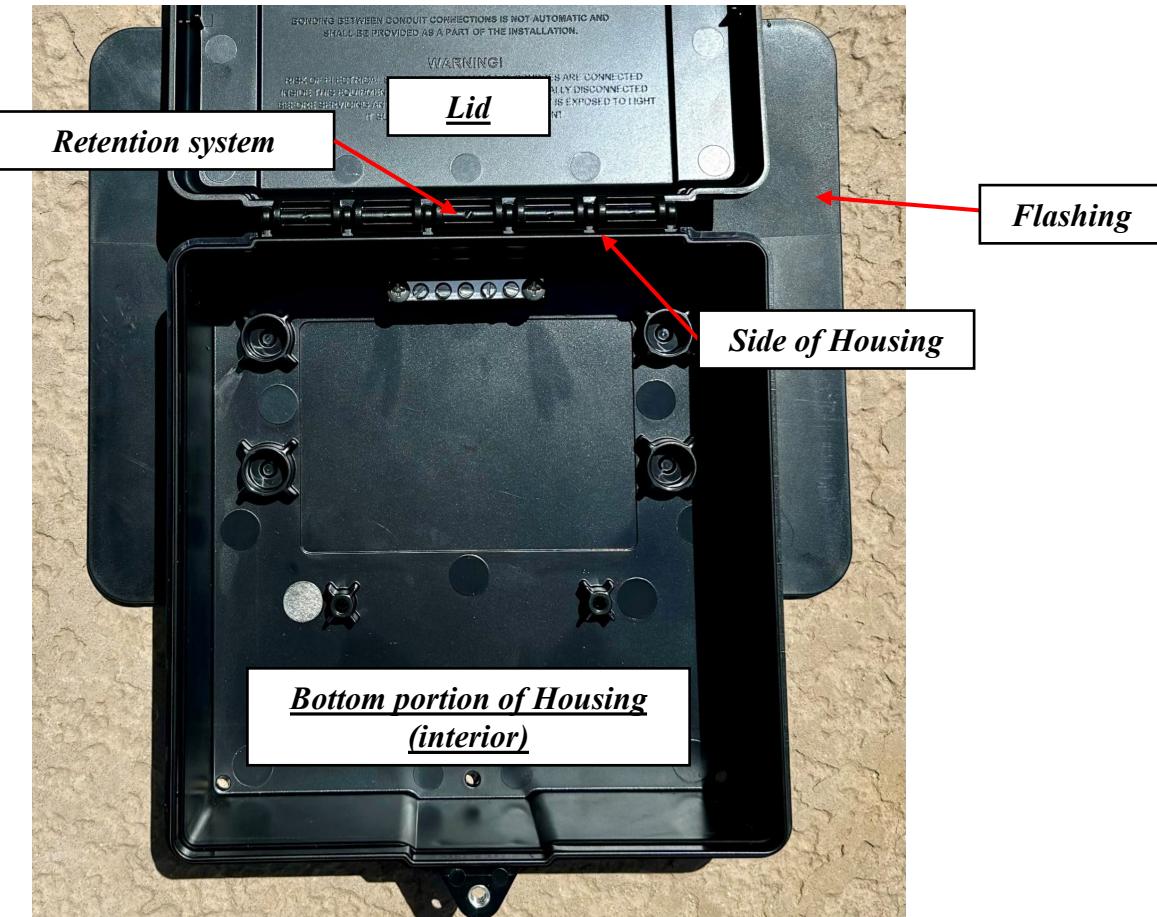
Slide the SoloBox Comp into place and secure it to the roof decking through the mounting holes using the 4 provided decking screws. Torque until EPDM washers expand.

Claim 12 from the '360 Patent

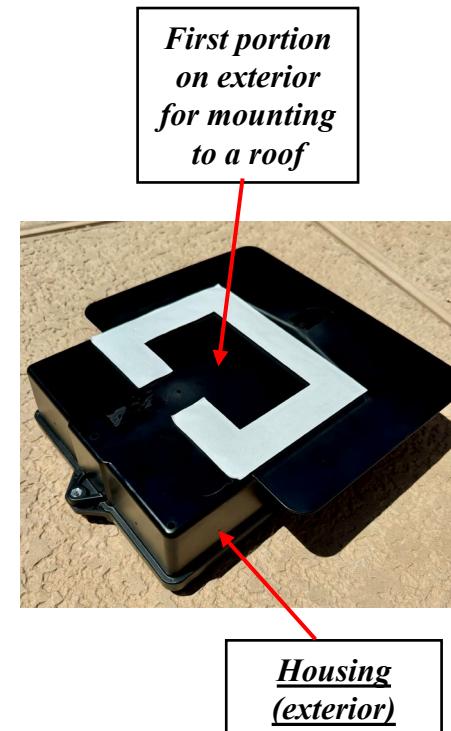
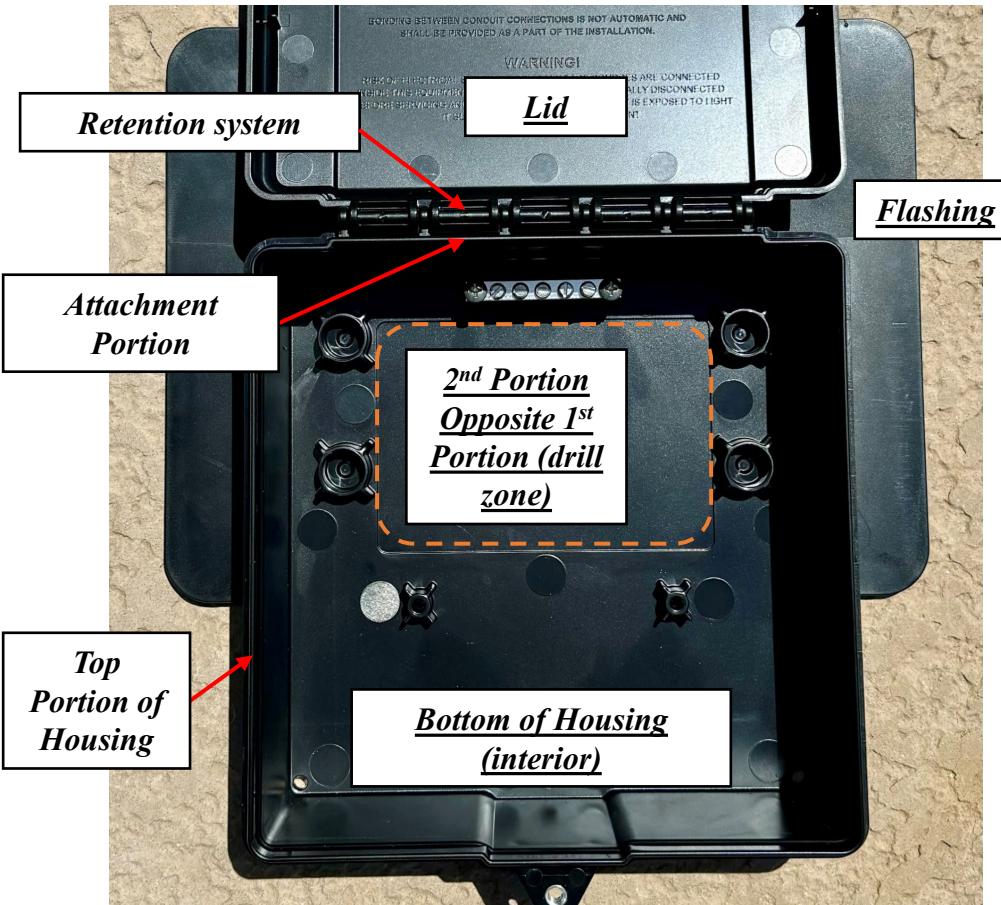


*The junction box of claim 8, wherein the retention system comprises a **hinge** with a **first portion** of the hinge attached to the attachment portion of the housing and a **second portion** of the hinge attached to the lid.*

Claim 13 from the '360 Patent



*The junction box of claim 8, wherein the **retention system** is configured to attach to the **lid** and to a **side of the housing** or to a **flashing**, the **flashing** attached to the bottom portion of the housing and extending away from the bottom portion in a same plane as the bottom portion.*

Claim 14 from the '360 Patent

A junction box comprising:

a housing comprising a top portion and a bottom portion, the top portion comprising an attachment portion, the bottom portion comprising a first portion on an exterior side of the housing and a second portion opposite the first portion, the first portion of the bottom portion configured to be mounted to a roof of a structure;

a lid configured to be mounted on the attachment portion of the housing;

a flashing attached to the bottom portion of the housing and extending away from the bottom portion in a same plane as the bottom portion; and

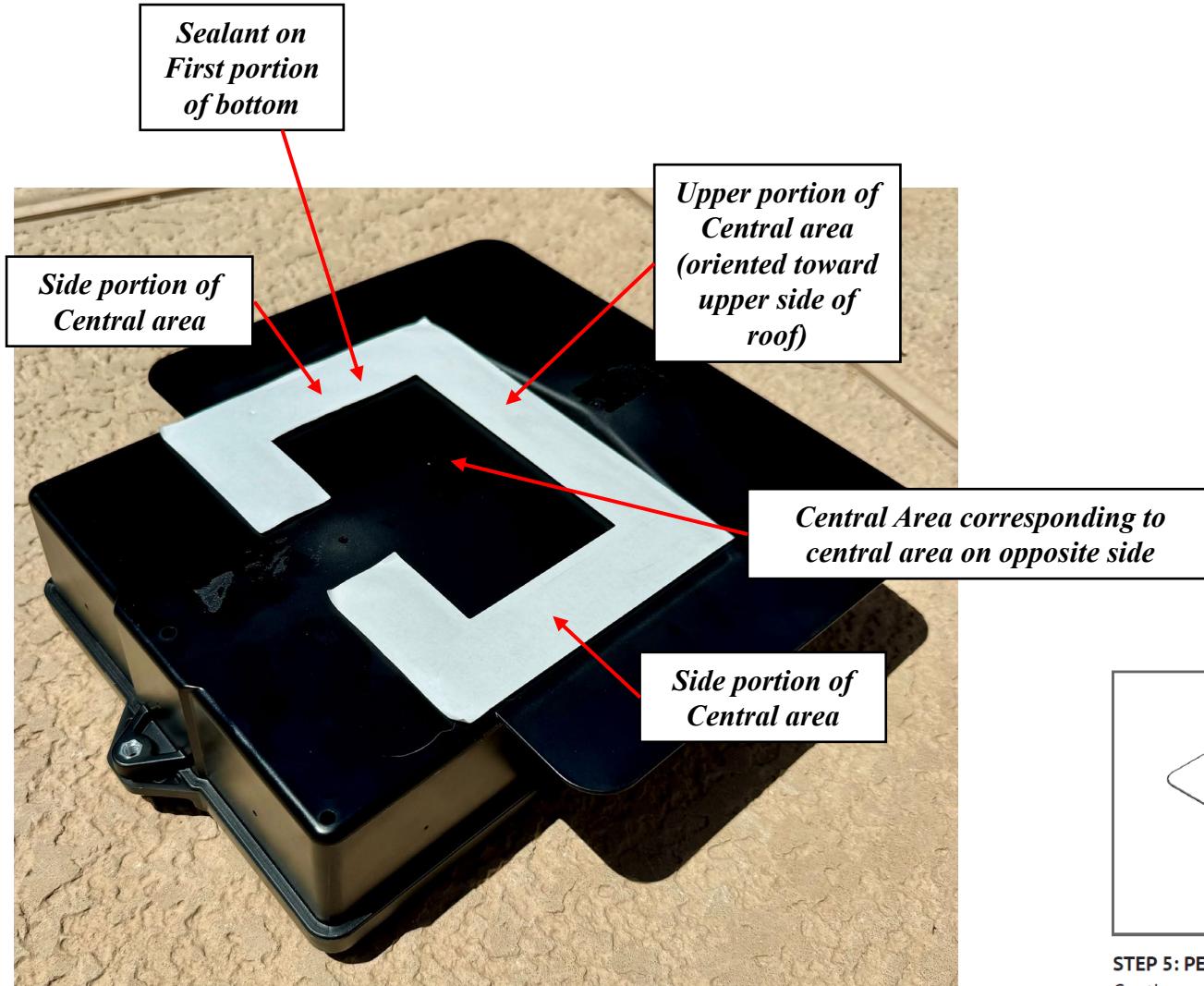
a retention system configured to retain the lid in proximity to the to the housing.

Claim 15 from the '360 Patent

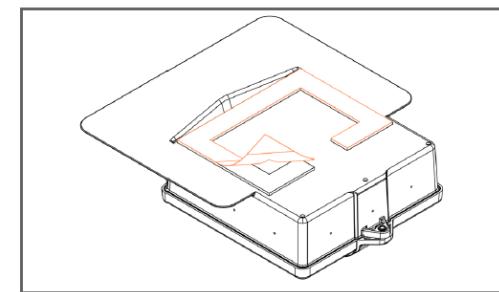


The junction box of claim 1, wherein a plurality of anchor openings comprises the first anchor opening and the second anchor opening.

Claim 16 from the '360 Patent



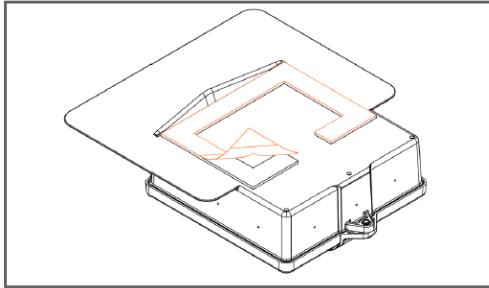
The junction box of claim 15, further comprising a sealant disposed on the first portion of the bottom portion, the sealant surrounding the area of the bottom portion, the area of the first portion corresponding to the area of the second portion, the sealant surrounding at least an upper portion and side portions of the area, wherein the upper portion is oriented toward an upper side of the bottom portion with respect to a slope of the roof.



STEP 5: PEEL OFF BUTYL COVER

Gently peel butyl release paper off on the bottom of the Solobox Comp. No need to apply roofing sealant.

Claim 17 from the '360 Patent

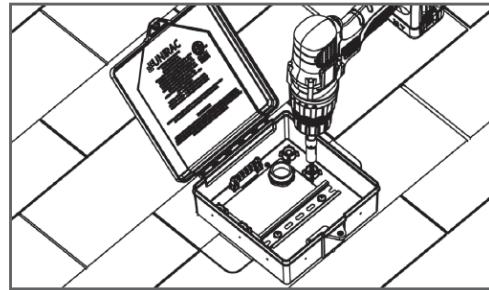


STEP 5: PEEL OFF BUTYL COVER

Gently peel butyl release paper off on the bottom of the Solobox Comp. No need to apply roofing sealant.



CAUTION



STEP 6: SECURE SOLOBOX COMP TO ROOF

Slide the Solobox Comp into place and secure it to the roof decking through the mounting holes using the 4 provided decking screws. Torque until EPDM washers expand.

*The junction box of claim 16, wherein securing an anchor through each of the plurality of anchor openings **contributes to securing the housing to the roof** and applies a force directed toward the roof that **compresses a portion of the sealant** adjacent to and/or surrounding the area.*